



**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:  
Steve Michael Kelly

Application No: 10/692,184

Filing Date: October 23, 2003

Title: **METHOD FOR DOWNWARD  
EXTRAPOLATION OF  
PRESTACK SEISMIC DATA**

§  
§  
§  
§  
§  
§  
§  
§  
§

Group Art Unit: 2863

Examiner: Victor J. Taylor

Attorney. Docket No: PGS-03-19US

Mail Stop Amendment

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate of Mailing for First Class Mail**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

*E. Eugene Thigpen*  
E. Eugene Thigpen

Date: September 2, 2005

**RESPONSE TO OFFICE ACTION**

**(A) INTRODUCTORY COMMENTS**

This letter is in response to the first Office Action, mailed June 2, 2005, in the patent application identified above.

Applicant wishes to correct errors in the specification. The amendments are presented below in section (B) Amendments to the Specification and are discussed in section (D) Remarks.

Applicant also wishes to correct errors in Sheets 1 and 3 of the drawings. An Annotated Marked-up version and Replacement Sheets for the amended drawings are included, and discussed in section (D) Remarks.

An Affidavit or Declaration stating that the amended material does not add new matter is included with this response, as per 37 CFR 1.67(b).

Claims 1-8 are pending in the present patent application and all claims are rejected in the Office Action under 35 U.S.C. §102(b). Traversal of the claim rejections are discussed below in Section (E) Remarks.

The sections of this response begin on the following pages:

page 1	(A) Introductory Comments
page 3	(B) Amendments to the Specification
page 4	(C) Amendments to the Drawings
page 5	(D) Remarks